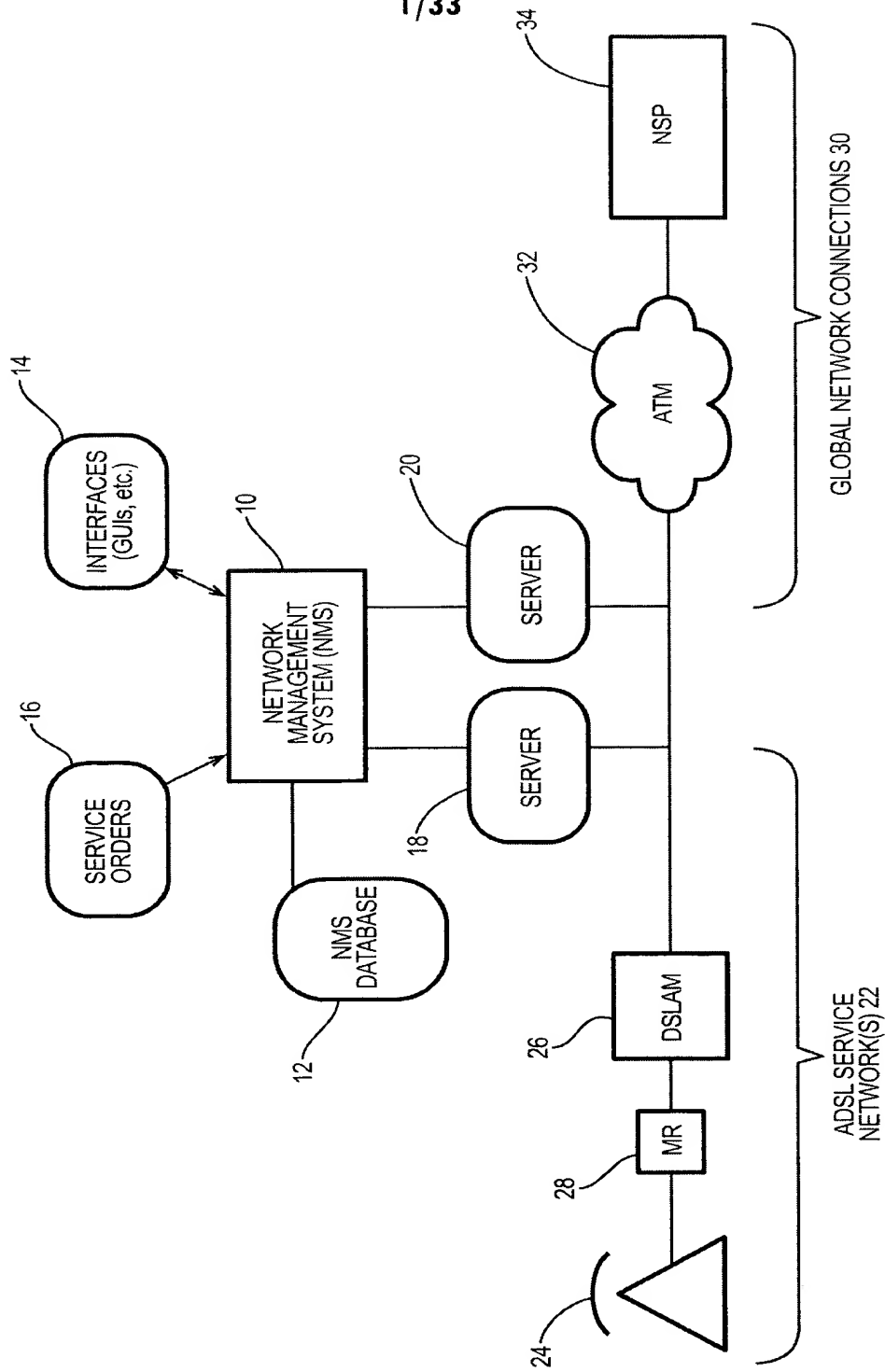




# Replacement Sheet

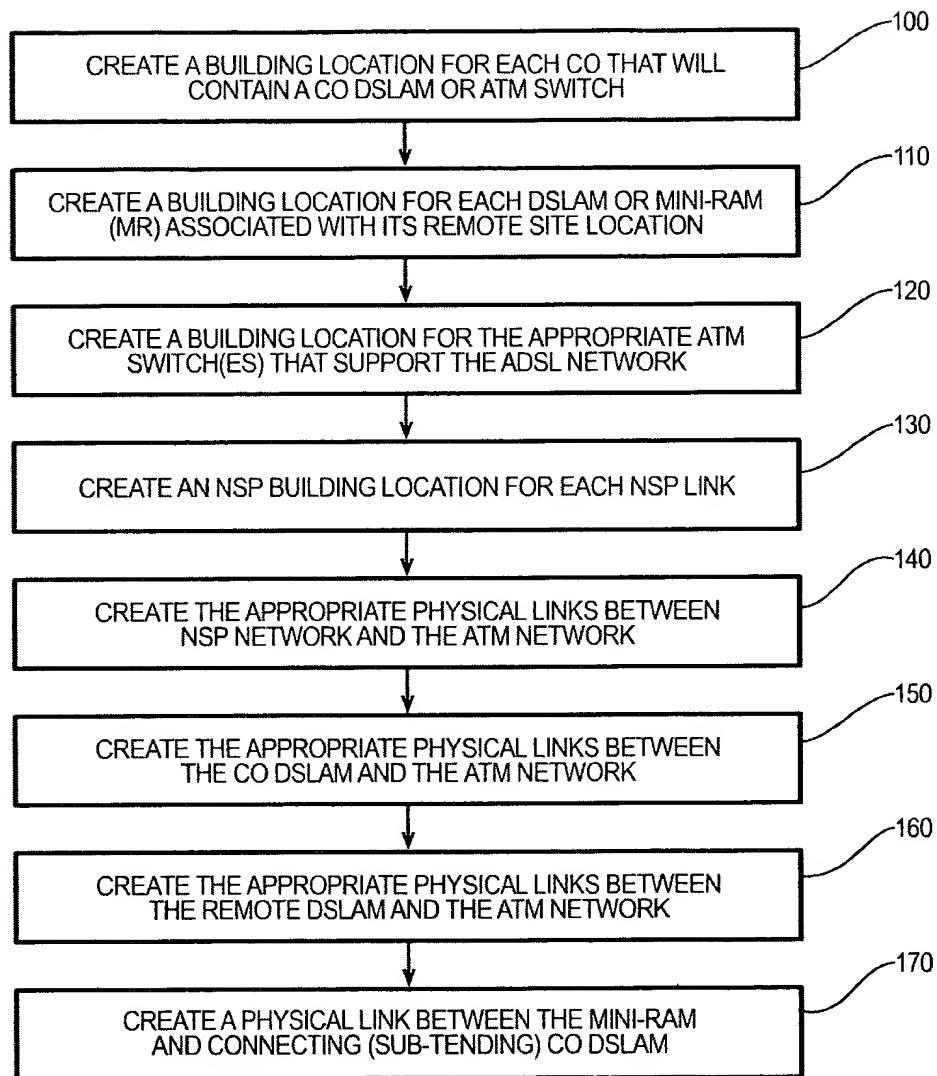
1/33



**Fig. 1**

# Replacement Sheet

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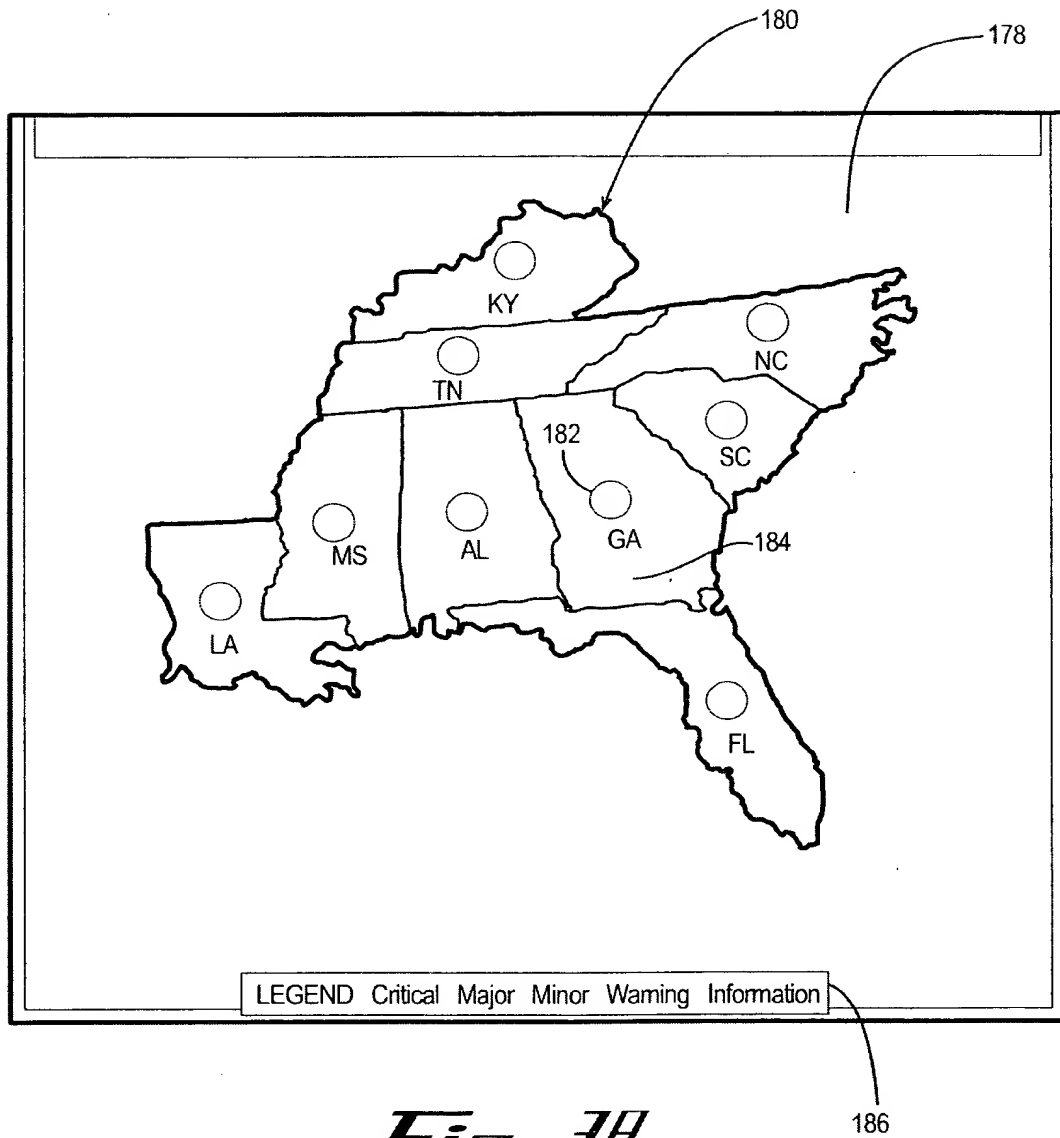
**Fig. 2**





# Replacement Sheet

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*Fig. 3A*

Replacement Sheet



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File Window Network Creation Inv/CapacityMgmt PVCProvisioning Diagnostic Service Help

State: Georgia

LATA LIST

|          |
|----------|
| Albany   |
| Atlanta  |
| Augusta  |
| Macon    |
| Savannah |
|          |
|          |

LEGEND Critical Major Minor Warning Information

188

190

Fig. 3B

Atlanta

File Window Network Creation Inv/CapacityMgmt PVCProvisioning Diagnostic Service Help

LATA: Atlanta

| Building Location | ISP Location    | Corporate LAN |
|-------------------|-----------------|---------------|
| STMNGAMN          | AOL.STMNGAMNAL1 | vacant        |
| RIVVGAMN          | AOL.STMNGAMNAL2 |               |
| ROSLGAMN          |                 |               |
| BUCKGAMN          |                 |               |
| SNVLGAMN          |                 |               |
|                   |                 |               |
|                   |                 |               |

LEGEND Critical Major Minor Warning Information

196

192

198

194

204

200

202

Fig. 3C

Replacement Sheet



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210

206

208

212

214

STMNGAMN

File Window Network Creation Inv/CapacityMgmt PVCProvisioning Diagnostic Service Help

Building Loc: STMNGAMN

| DSLAM  | Remote Site | ATM Switch  |
|--------|-------------|-------------|
| vacant | STMNGAMNH01 | STMNGAMNA01 |
|        | ROSLGAU0002 | STMNGAMNAT1 |
|        |             |             |
|        |             |             |
|        |             |             |
|        |             |             |
|        |             |             |
|        |             |             |

LEGEND Critical Major Minor Warning Information

Fig. 3D

220

216

218

222

File Window Network Creation Inv/CapacityMgmt PVCProvisioning Diagnostic Service Help

ATM: STMNGAMNAT1

| DSLAM       | Service Gateway | NSP Location    |
|-------------|-----------------|-----------------|
| STMNGAMNH01 | vacant          | AOL.AOL1GAMNH01 |
| CLWGGAMNH01 |                 | PRDIGY.AOL1GAMN |
| BUCKGAMNH01 |                 |                 |
| ROSLGAMNH01 |                 |                 |
|             |                 |                 |
|             |                 |                 |
|             |                 |                 |
|             |                 |                 |

LEGEND Critical Major Minor Warning Information

Fig. 3E

# Replacement Sheet



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File Window Network Creation Inv/CapacityMgmt PVCProvisioning Diagnostics Help
224

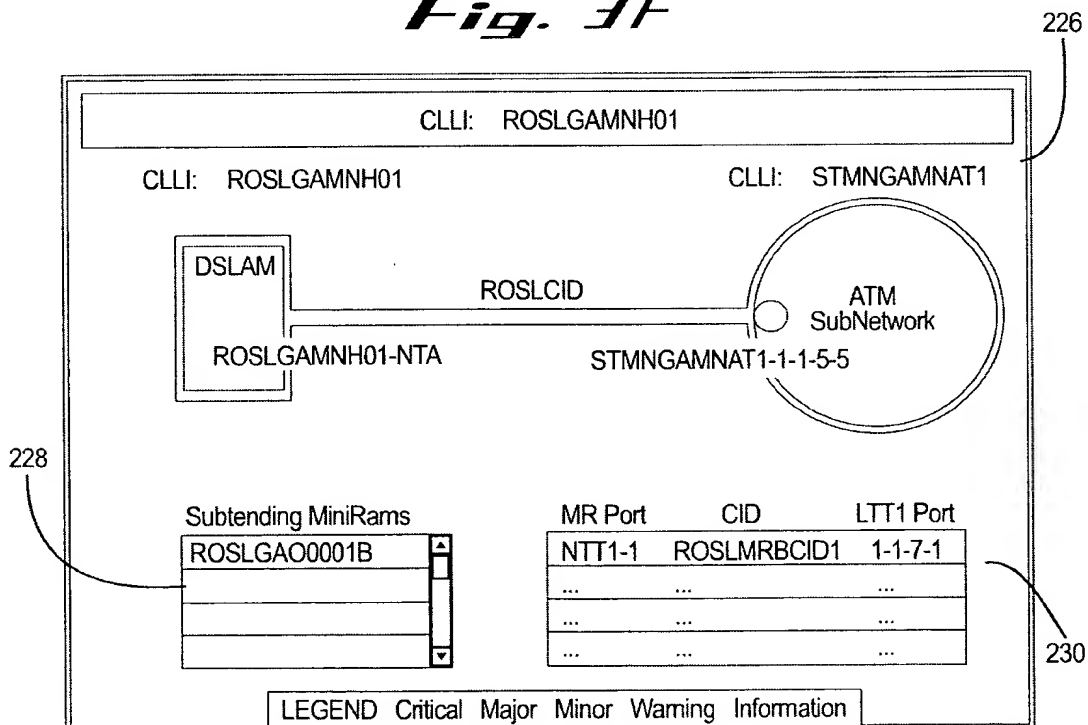
NSP LOCATION AOL.STMNGAMNAT1

Circuit IDs

|          |
|----------|
| AOL.0101 |
|          |
|          |
|          |
|          |
|          |
|          |

LEGEND Critical Major Minor Warning Information

*Fig. 3F*



*Fig. 3G*

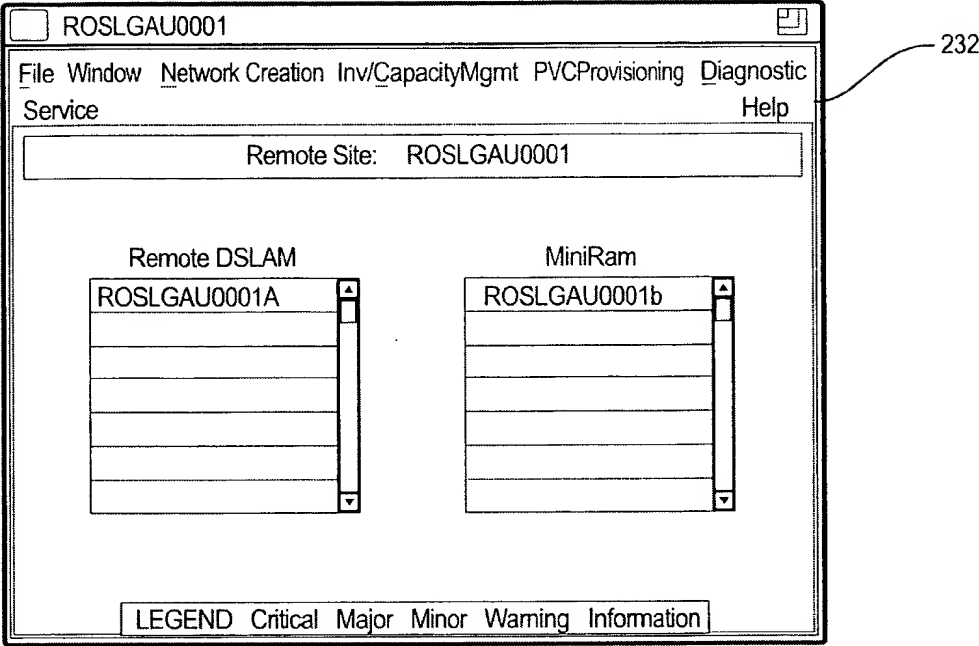


Fig. 3H

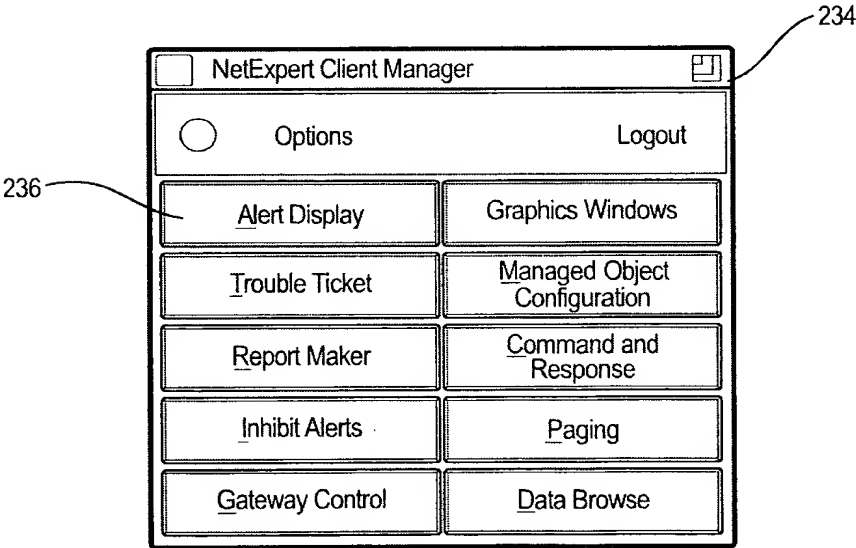


Fig. 3I



# Replacement Sheet

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240

238

Alert Summary

☐ Display    Alert Window    Resources    Quit

Alert Total:

|                |                                |                      |                                |
|----------------|--------------------------------|----------------------|--------------------------------|
| Critical:      | <input type="text" value="1"/> | Acknowledged:        | <input type="text" value="0"/> |
| Major:         | <input type="text" value="4"/> | Unacknowledged:      | <input type="text" value="7"/> |
| Minor:         | <input type="text" value="0"/> | Acknowledged By You: | <input type="text" value="0"/> |
| Warning:       | <input type="text" value="2"/> | Without Ticket:      | <input type="text" value="7"/> |
| Indeterminate: | <input type="text" value="0"/> | With Ticket:         | <input type="text" value="0"/> |

*Fig. 3J*





# Replacement Sheet

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Alert Display Window: 1

Display Alert Management Trouble Ticket Device Mgmt Quit

Sort: Severity - Oldest Create time First Include Filter: Exclude Filter:

Column Det: NetExpert Default

| AMO                | Description                       | Count | Create Time | TT | Operator    | Class | Create Date | Manager    |
|--------------------|-----------------------------------|-------|-------------|----|-------------|-------|-------------|------------|
| ServiceOrderInf    | SOCs gateway is not responding    | 145   | 16:20:03    |    | SOCs        |       | 07/09/98    | Serviced   |
| STMINGAMIN001 prov | AdslPort CLWGGAMNH01-1-1-6-4 C    | 20    | 11:31:33    |    | AwspProv    |       | 06/30/98    | STMINGAMIN |
| hnm                | Atm)cc3Port STMINGAMINATI-1-1-5-3 | 1     | 10:56:38    |    | NMSOperator |       | 06/30/98    | applayer   |

Fig. 3K

# Replacement Sheet



10/33

☐ On-Line Advisor 246

☐ Quit

|                                |                 |
|--------------------------------|-----------------|
| Alert ID:                      | 534             |
| Manager Class:                 | SOCS            |
| Manager:                       | ServiceOrderInf |
| Affected Managed Object Class: | SOCS            |
| Affected Managed Object:       | ServiceOrderInf |

☒ Fields ☐ Causes and Actions ☐ Events & Raw Data

|                     |                                 |          |                   |
|---------------------|---------------------------------|----------|-------------------|
| Severity:           | Critical                        | Count:   | 146               |
| Alert Type:         | TransmissionAlarm               |          |                   |
| Problem Type:       | lossOfSignal                    |          |                   |
| Created:            | 07/09/98 16:20:03               | Updated: | 07/10/98 16:47:24 |
| Acknowledged:       |                                 |          |                   |
| By:                 |                                 |          |                   |
| Alert Description:  | SOCS gateway is not responding: |          |                   |
| <div></div>         |                                 |          |                   |
| Detail Description: |                                 |          |                   |
| <div></div>         |                                 |          |                   |
| <div></div>         |                                 |          |                   |

*Fig. 3M*



250

11/33

Translate Port Name

COSMOS Port:

Exchange Key:

Translate

LFACS Port:

Alcatel Port:

Translate

Remote Site CLLI:

Translate

Display Only

COSMOS/LFACS Port:

Alcatel Port:

Close

Fig. 4A



# Replacement Sheet

12/33

A dialog box titled "Diagnostic - Customer PVC" with a reference number 252. It contains two input fields: "Customer ID:" with the value "I" and "PVC ID:" with the value "I". At the bottom are "OK" and "Close" buttons.

Diagnostic - Customer PVC

Customer ID: I

PVC ID: I

OK Close

252

*Fig. 4B*



Replacement Sheet

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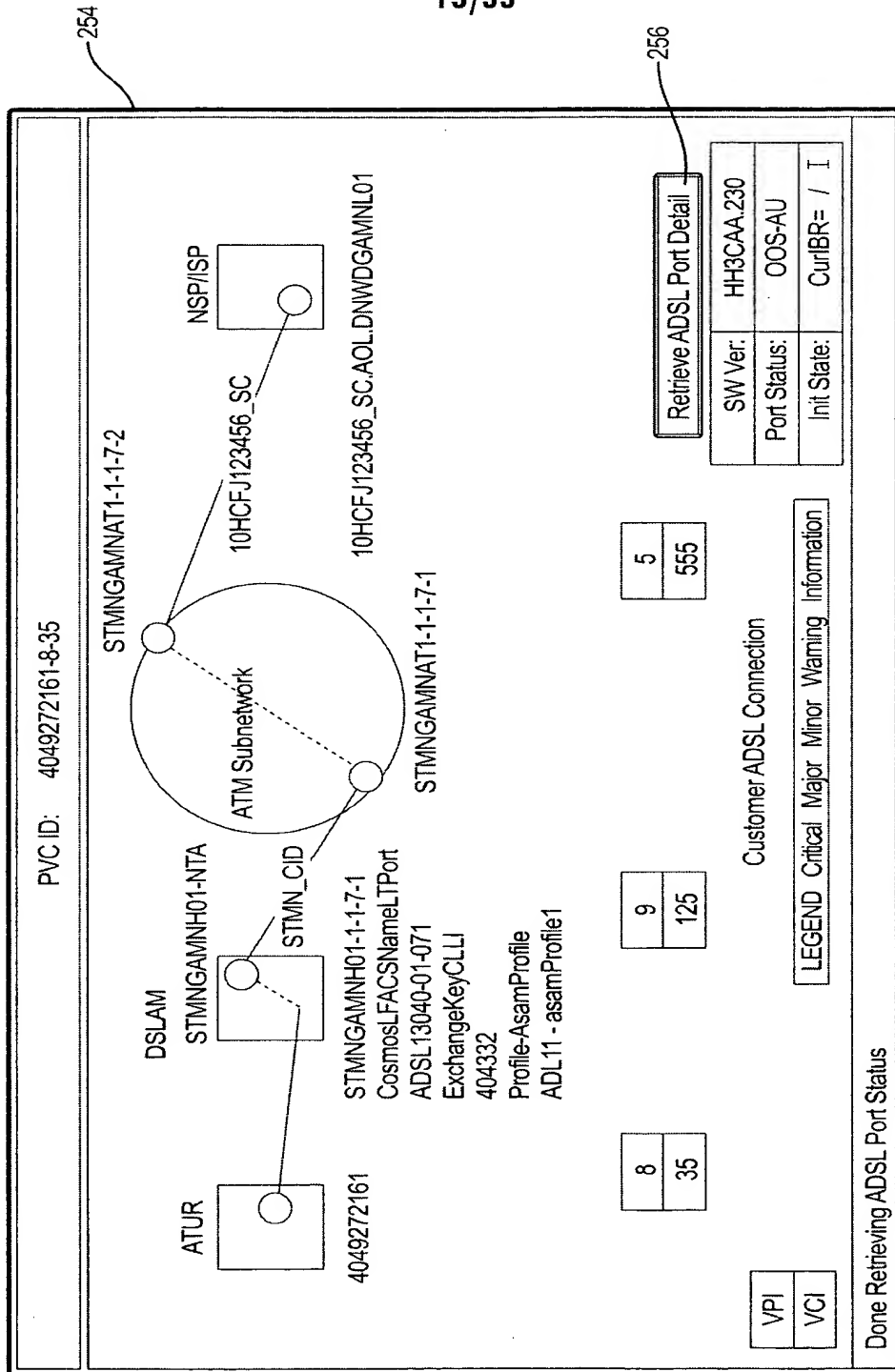


Fig. 4L

# Replacement Sheet



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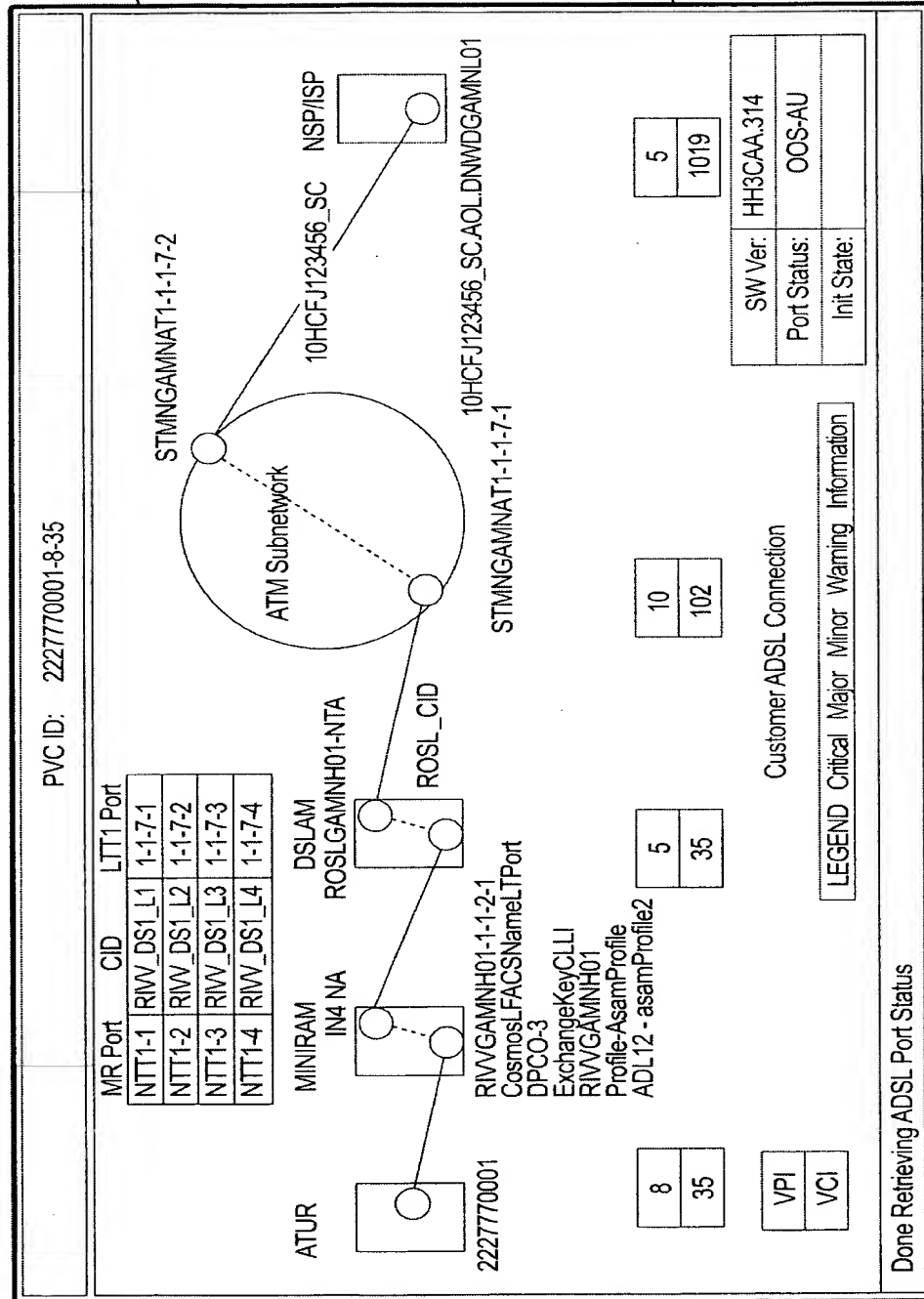


Fig. 4D

# Replacement Sheet



15/33

Find Circuit Name

ATM Port + Vpi/Vci

CLL1:

Port:  ▼

VPI:

VCi:

OK Close

...I

262

**Fig. 4E**

# Replacement Sheet



16/33

Affected End Users by DSLAM or ATM Port

DSLAM or ATM Port

CLL1:

Port:  ▼

OK Close

Done Retrieving Customers for the Port

264

*Fig. 4F*

Affected End Users of STMNGAMNH01-NTA

| PVD ID          | ADSL Port ID       | Subscriber |
|-----------------|--------------------|------------|
| 4042920018-0-32 | TMNGAMNH01-1-1-4-4 | TEST: AD   |
| 4042920017-0-32 | TMNGAMNH01-1-1-4-3 | TEST: AD   |
| 4042920016-0-32 | TMNGAMNH01-1-1-4-2 | TEST: AD   |
| 4042920015-0-32 | TMNGAMNH01-1-1-4-1 | TEST: AD   |
| 4042920014-0-32 | TMNGAMNH01-1-1-3-4 | TEST: AD   |
| 4042920003-0-32 | TMNGAMNH01-1-1-1-1 | TEST: AD   |
| 4042920004-0-32 | TMNGAMNH01-1-1-1-2 | TEST: AD   |
| 4042920005-0-32 | TMNGAMNH01-1-1-1-3 | TEST: AD   |
| 4042920030-0-32 | TMNGAMNH01-1-1-8-1 | TEST: AD   |
| 4042920020-0-32 | TMNGAMNH01-1-1-5-2 | TEST: AD   |
| 4042920019-0-32 | TMNGAMNH01-1-1-5-1 | TEST: AD   |

Close

266

*Fig. 4G*



# Replacement Sheet



17/33

Affected End Users - by NSP CID

NSP CID:

OK Close

268

*Fig. 4H*

DSLAM/Miniram Assigned Port History

CLI:

| Date       | CO-DSLAM | DSLAM-Subnetwork |
|------------|----------|------------------|
| 04-02-1999 | 0        | 0                |
| 04-02-1999 | 0        | 0                |
| 04-02-1999 | 0        | 0                |
| 04-02-1999 | 0        | 4                |
| 04-02-1999 | 0        | 4                |
| 04-02-1999 | 0        | 4                |
| 04-02-1999 | 0        | 4                |
| 04-02-1999 | 0        | 4                |
| 04-02-1999 | 0        | 4                |
| 04-02-1999 | 0        | 4                |

OK Close

Done getting Assigned Port History for the DSLAM - ROSLGAMNH01

270

*Fig. 5A*



# Replacement Sheet

18/33

Total Available and Assigned ADSL Ports - DSLAM

DSLAM CLI:

**DSLAM**

Total Available ADSL Ports:

Cross-connected ADSL Ports:

Port Availability Threshold:

**Subnetwork**

Subnetwork % Utilization:

Subnetwork % Utilization Threshold:

**Subtending MiniRams:**

| Name        | PercentUtilization | TshPercentUtilization |
|-------------|--------------------|-----------------------|
| SNVLGAMNH01 | 0                  | 90                    |
| RIVVGAMNH01 | 37                 | 90                    |
| SNVLGAMNH01 | 0                  | 90                    |
| RIVVGAMNH01 | 37                 | 90                    |
| SNVLGAMNH01 | 0                  | 90                    |

Done Getting Capacity

272

**Fig. 5B**



19/33

Total Available and Assigned ADSL Ports - DSLAM

Mini-Ram CLLI:

Total Available ADSL Ports:

Cross-connected ADSL Ports:

Saturation Threshold:

Done Getting Capacity

274

*Fig. 5C*



20/33

Capacity Management - Thresholds

Type of Equipment:

Ports:  ▼

Editable Threshold Data

Available Port Threshold

Saturation Threshold:  %

OK Close

Done getting Capacity for the DSLAM

276

*Fig. 50*

# Replacement Sheet



21/33

Capacity Management - DSLAM Thresholds

CLLI:

Saturation Threshold:  % 0 - To use Defaults

Saturation Threshold Alarm Inhibited:  0 - Enabled 1 - Inhibited

Available Port Threshold:  0 - To use Defaults

Available Ports Alarm Inhibited:  0 - Enabled 1 - Inhibited

...I

278

*Fig. 5E*

Capacity Management - MiniRam Thresholds

CLLI:

Saturation Threshold:  % 0 - To use Defaults

Saturation Threshold Alarm Inhibited:  0 - Enabled 1 - Inhibited

...I

280

*Fig. 5F*

# Replacement Sheet



22/33

DSLAM/MiniRam Port Inventory

CLLI:

| Type                | Cosmos/LFACS | Assigned | Status | Denied | Subtending |
|---------------------|--------------|----------|--------|--------|------------|
| RIVVGAMNH01-1-1-1-1 | ADSL         | *****    |        | N      | 00S-AU     |
| RIVVGAMNH01-1-1-1-2 | ADSL         | *****    |        | N      | 00S-AU     |
| RIVVGAMNH01-1-1-1-3 | ADSL         | *****    |        | N      | 00S-AU     |
| RIVVGAMNH01-1-1-1-4 | ADSL         | *****    |        | N      | 00S-AU     |
| RIVVGAMNH01-1-1-1-1 | ADSL         | *****    |        | N      | 00S-AUMA   |
| RIVVGAMNH01-1-1-1-2 | ADSL         | *****    |        | N      | 00S-AUMA   |
| RIVVGAMNH01-1-1-1-3 | ADSL         | *****    |        | N      | 00S-AUMA   |
| RIVVGAMNH01-1-1-1-4 | ADSL         | *****    |        | N      | 00S-AUMA   |

OK Close

Completed Getting MiniRam Inventory

282

*Fig. 5G*

DSLAM/MiniRam Port Inventory

CLLI:

| Card              | Type   | SW Version | Vendor | Serial #  | Status |
|-------------------|--------|------------|--------|-----------|--------|
| RIVVGAMNH01-1-1-1 | ADLT-E | HH3CAA.314 | ALCL   | 983325106 | IS-NR  |
| RIVVGAMNH01-1-1-2 | ADLT-E | HH3CAA.314 | ALCL   | 983409651 | IS-NR  |

OK Close

Completed Getting MiniRam Inventory

284

*Fig. 5H*

# Replacement Sheet



23/33

286

Add Bulk PVC

Old ATM Port Info

Old NSP CID:

New ATM Port Info.

CLLI:

Rack:

Shelf:

Slot:

Port:

Optional Date and Time

Due Date:  Time:

...I

**Fig. 6A**

# Replacement Sheet



24/33

288

Edit Bulk PVC

Order Number:  ▼

(

...I

***Fig. 6B***





# Replacement Sheet

25/33

290

Edit Bulk PVC: NO1CID-0-0-0

| Old ATM Port Info. |        |
|--------------------|--------|
| Old NSP CID:       | NO1CID |

| New ATM Port Info. |             |
|--------------------|-------------|
| CELLI:             | STMNGAMNAT1 |
| Rack:              | 1           |
| Shelf:             | 1           |
| Slot:              | 5           |
| Port:              | 7           |

| Optional Date and Time |            |
|------------------------|------------|
| Due Date: ...I         | Time: ...I |

OK Close

Done Retrieving <NO1CID-0-0-0> Bulk PVC Order I

*Fig. 6C*

# Replacement Sheet



26/33

Delete Bulk PVC

Order Number:  ▼

OK Close

...I

292

*Fig. 6D*

Deny Customer Service

Customer ID:

OK Close

...I

294

*Fig. 6E*

Restore Customer Service

Customer ID:  ▼

OK Close

...I

296

*Fig. 6F*

# Replacement Sheet



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298

299

...I

Service Order Header

Service Order: CORIW01

Due Date: 19990206

Service Order Detail

4041110001-8-35-ser-1 ▼

Edit Service

OK Close

A screenshot of a software window titled "Edit Pending Service Order". The window has a title bar and a main content area. The content area is divided into two sections: "Service Order Header" and "Service Order Detail". The "Service Order Header" section contains two labels: "Service Order:" and "Due Date:", each followed by a text box containing "CORIW01" and "19990206" respectively. The "Service Order Detail" section contains a text box with "4041110001-8-35-ser-1" and a downward-pointing triangle icon to its right. Below the text box is an "Edit Service" button. At the bottom of the window are two buttons: "OK" and "Close". A status bar at the very bottom contains the text "...I".

**Fig. 66**

# Replacement Sheet



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300

Edit Service Order Detail

Editable Data

|                    |                |
|--------------------|----------------|
| Atur VPI:          | 8              |
| Atur VCI:          | 35             |
| COSMOS/LFACS:      | COSMOS         |
| COSMOS/LFACS pORT: | DPG1-1         |
| Exchange Key/CLLI: | RIVVGAMNH01    |
| NSP CIT:           | )HCFJ123456_SC |
| NSP VPI:           | 2              |
| NSP VCI:           | 201            |
| Change USOC:       | ADL11          |

Display Only Data

|            |         |               |       |
|------------|---------|---------------|-------|
| ADSL Port: | UNKNOWN | COSMOS/LFACS: | LFACS |
| USOC:      | ADL12   |               |       |

OK Close

...I

**Fig. 6H**



# Replacement Sheet

29/33

Modify Customer Record Information

Customer ID:

Modifiable Fields

Name:

Address:

ZIP Code:

OK Close

...I

302

*Fig. 6I*

Delete Service Order

SO Number:

OK Close

...I

304

*Fig. 6J*



# Replacement Sheet

30/33

306

Modify Customer Profile

Customer ID:

PVC ID:  ▼

Profile:

...I

*Fig. 6K*



31/33

308

A dialog box titled "Delete Physical Link". It contains a label "Circuit ID:" followed by a text input field containing the letter "I". Below the input field are two buttons: "OK" and "Close". At the bottom left of the dialog box is a status bar containing the letter "I". A leader line points from the number "308" to the right side of the dialog box.

*Fig. 1A*

310

A dialog box titled "Delete NSP Location". It contains two labels: "NSP:" followed by a text input field containing the letter "I", and "NSP CLI:" followed by a text input field. To the right of the "NSP CLI:" input field is a downward-pointing triangle. Below the input fields are two buttons: "OK" and "Close". At the bottom left of the dialog box is a status bar containing "...I". A leader line points from the number "310" to the right side of the dialog box.

*Fig. 1B*



# Replacement Sheet

32/33

Delete DSLAM/MiniRam

CLLI: I

OK Close

...I

312

*Fig. 11*

Delete ATM Switch

CLLI: I

OK Close

...I

314

*Fig. 10*





316

Delete Remote Site

Remote Site CLLI:

OK Close

...I

*Fig. 1E*

318

Delete Building Location

CLLI:

OK Close

...I

*Fig. 1F*